

EXHIBIT S25 TO DECLARATION OF
STEPHEN G. SCHWARZ IN SUPPORT OF
PLAINTIFFS' MOTION FOR CLASS
CERTIFICATION

2-47 REV. 12-75

**E. I. DU PONT DE NEMOURS & COMPANY**

INCORPORATED

P. O. Box 1217

PARKERSBURG, W. VA. 26101

PLASTIC PRODUCTS AND RESINS DEPARTMENT

Complainant's

Exhibit No. **11**

CC: J. W. Raines - Wilm.
 C. H. Foshee
 W. A. Bower/R. J. Burger
 C. R. Campbell
 J. L. Granquist
 Y. L. Power
 P. Thistleton

October 1, 1979

PERSONAL AND CONFIDENTIAL

TO: R. M. SHEPHERD
 ENERGY AND ENVIRONMENTAL AFFAIRS
 WILMINGTON

FROM: J. F. DOUGHTY
 WASHINGTON WORKS

ORGANIC FLUORIDES IN BLOOD ANALYSES

A table is attached showing the results we have obtained to date. We plan to update the table when the remainder of the blood results are available. Please destroy the previous letter dated September 20, 1979. All of the organic fluoride results shown were incorrect because the inorganic fluoride was not subtracted from the total nonvolatile fluoride.

JFD:sah
 Attachment

AJP001440

EID080255

BETTER THINGS FOR BETTER LIVING... THROUGH CHEMISTRY

000170

PERSONAL AND CONFIDENTIALORGANIC FLUORIDES IN BLOOD SAMPLES

NAME	P.R. NO.	ZONE	ORGANIC FLUORIDE PPM	COMMENTS
GRANULAR OPERATORS				
Polymerization				
REDACTED		6	0.47	4/60-6/71, 12/72 to present
	ir	6	2.33	Exposure since 1966 ⁶ , granular polymerization since 2/74.
		6F	0.52	Special job. Relief on granular polymerization about 1 day/week. 2/69 to present
		6	3.54	F.P. dispersion-8/70-12/71
		6	5.61	4/60 to 4/69, F.P. dispersion 4/69 to 4/72, granular polymerization 4/72 to present
		6	3.91	4/72 to present
	1	6	6.84	F.P. 9/65 to 12/72, polymerization 4/73 to present
		6	2.53	3/76 to present
	Finishing			
	4	2.06	Disp. P.O. 4/71 to 4/72, granular polymerization 4/72 to present	
	4	0.69	Detailed to polymerization 12/72 to present	
	4	0.72	Detailed to granular polymerization 8 of last 10 weeks as of 9/13/79.	
FINE POWDER/DISPERSION OPERATOR				
Polymerization				
	6	4.39	F.P. Disp. and Disp. P.O. 4/73 to 4/79, granular polymerization 4/79 to present	
	6	(22.17) 21.22	Granular polymerization 6/66 to 1/70, F.P. Disp. 2/63	
	6	0.17	4/76 to present	
	6	(9.53) 9.25	4/66 to present, other job present 6 years	
	6	1.52	F.P. Disp. and Disp. P.O. 6/66 to 4/72, granular polymerization 4/74 to present.	

BEST COPY AVAILABLE

() Previous blood samples taken in June.

000171

EID080256

AJP001441

- 2 -

NAME	P.R. NO.	ZONE	ORGANIC FLUORIDE PPM	COMMENTS
<u>Polymerization (Cont.)</u>				
REDACTED		6F	0.59	5/63 to present, 10/77-4/79
		6	0.81	1960 to present.
		6F	(10.56) 8.70	11/75 to present
		6	(15.02) 13.75	4/62 to present. Service operator jobs previous 4 years
		6	1.60	11/75 to present.
	ist	6	3.55	3/76 to 8/78 F.P. dryer, polymerization 11/75 to present
		6	5.90	6/65 to present, Service operator jobs until 6 years
		6	0.38	4/77 to present
		6	6.91	4/77 to present, Service operator jobs until 4/77
		6	16.52	11/75 to 11/77, polymerization F.P. to present
		6	0.98	F.P. dryer and P.O. 2/75-5/76, some granular polymerization. F.P./disp. polymerization 4/79 to present.
		6	3.51	Service operator jobs 2/72-11/77, polymerization 11/77 to present
		6	3.23	5/76 to present
<u>Service Operator</u>				
m		4	4.97	F.P. dryer and P.O. 6/66 to 12/69, polymerization Warehouse, detailed to other jobs.
		4	1.98	F.P. dryer since 11/78.
		4	4.54	F.P. dryer and Disp. RO. 9/76 to present
		4F	2.24	Service operator jobs 5/75 to present
		4	1.03	F.P. dryer since 11/78
		4	2.92	12/75 to present, F.P. dryer since 11/78
		4	0.50	3/79 to present all 3 jobs.
		4	1.04	
		4	1.80	F.P. packout.

BEST COPY AVAILABLE

() Previous blood samples taken in June.

EID080257

000172

ALP001442

- 3 -

NAME	P.R. NO.	ZONE	ORGANIC FLUORIDE PPM	COMMENTS		
<u>Service Operator (Cont.)</u>						
D. J. ...	REDACTED	4	2.97	F.P. Dyer 12 years, F.P. P.O. 8 years, other 3 years.		
		4	3.89	12/72 to present F.P. Dyer and P.O.		
		4	2.30	Details to polymerization 11/79 to present. Disposed polymerization		
		4	1.78	F.P. packout.		
		4	1.18 1.91	F.P. P.O. 11/76 to present, polymerization.		
<u>MONOMER OPERATORS</u>						
D. J. ...	REDACTED	7	0.35			
		7	0.39			
		7	0.08			
		6F	0.54			
		7	0.17			
		7	0.37			
D. J. ...	REDACTED	7	0.52			
		<u>FEP OPERATORS</u>				
		<u>Polymerization</u>				
		A. J. ...	REDACTED	6	(1.36) 0.99	1976 to present. additional exposure in 1976
				6F	1.72	1976 to present. additional exposure in 1976
				6	2.71	Disp. 1964-1971; polymerization 1976 to present.
6	0.91			1976 to present.		
6	2.10			1976 to present.		
6	4.64			Disp. 10/60-11/63; polymerization 1976 to present.		
6	3.70			1976 to present. additional exposure in 1976		
6	(3.61) 1.99	1976 to present.				

BEST COPY AVAILABLE

() Previous blood samples taken in June.

EID080258

AJP001443

000173

- 4 -

NAME	P.R. NO.	ZONE	ORGANIC FLUORIDE PPM	COMMENTS
<u>Polymerization (Cont.)</u>				
	REDACTED	6	1.95	1976 to present.
		6	1.47	1976 to present.
		6	4.96	1976 to present. additional exposure in longshore
		6	4.52	10/77 to present. additional exposure in longshore
		6	4.14	12/76 to present. additional exposure in longshore

Dispersion

4 1.31 6/75 to present

RESEARCHResearch Chemists

0.43

0.45

Semiworks Laboratorians

6	0.44	5/70 to present.
6	1.50	8/77 to present, <i>additional exposure in production. 5/72 to 11/75</i>
6F	0.24	4/77 to present. <i>11/75</i>
6	0.70	2/75 to present.
6	(0.46) 0.26	4/77 to present.
6	0.30	7/69 to 10/72, 5/79 to present.
6F	0.24	8/77 to present. <i>11/75</i>
6	(0.72) 0.59	10/72 to present. <i>3/63 to 2/65</i>

BEST COPY AVAILABLE

d

MONOMER OPERATORS WITH
FAST FINE POWDER/DISP.
POLYMERIZATION EXPOSURE

7

6.16

*Dehydration 1/62 to 12/75
Monomer operator 11 months*

() Previous blood samples taken in June.

EID080259

000174

ADP001444

- 5 -

NAME	P.R. NO.	ZONE	ORGANIC FLUORIDE PPM	COMMENTS
MONOMER OPERATORS WITH PAST FINE POWDER/DISP. POLYMERIZATION EXPOSURE (Cont.)				
				5/77
		7	5.29	Exposure 5/62 to all jobs.
				Monomer operator 28 months
		7	5.64	Exposure 1/62 to 11/77
				Monomer operator 22 months
FOREMAN VOLUNTEER			0.69	Various jobs with C-9 10/56 to 3/63
				Monomer operator 3/63 to 2/69
				Operator 2/69 to present

REDACTED

JFDoughty:sah
10/1/79

BEST COPY AVAILABLE

AJP001445

000175

EID080260